

**A LIST OF THE FISHES OF NORFOLK ISLAND AND INDICATION OF THEIR RANGE TO LORD HOWE ISLAND, KERMADEC ISLAND, AUSTRALIA, AND NEW ZEALAND.**

By EDGAR R. WAITE, F.L.S., Director, South Australian Museum.

[*Contribution from the South Australian Museum.*]

[Read September 14, 1916.]

PLATES XLIV. TO XLVI.

During a visit paid to Norfolk Island in December, 1915, Mr. A. M. Lea, Entomologist to the South Australian Museum, made a collection of fishes, an examination of which enables me to add materially to the known fauna of the island. Two of his fishes, representing the genera *Archamia* and *Chironemus*, do not appear to have been hitherto described.

In 1910, when in New Zealand, I published a list of the fishes then known from Norfolk Island,<sup>(1)</sup> but stated that the list was unsatisfactory, inasmuch as specimens received in Sydney some years previously had been only roughly listed, and could not then be again examined. Mr. A. R. McCulloch has since kindly looked over nearly the whole of this material, preserved in the Australian Museum, and has cleared up many of the questions involved; he further adds several species received after my list was published, and the results of his inquiries are embodied herewith.

The following list purports to be complete for Norfolk Island as far as the fishes are at present known, and their range to Lord Howe Island and Australia on the west, and the Kermadecs and New Zealand on the east and south respectively, is likewise indicated; to visualize reference the columns are arranged in geographical sequence, with Norfolk Island in the middle. The presence of a Norfolk Island species in Australia or New Zealand is represented by x in the respective columns; the letters in the three middle columns indicate the initials of the authors who first recorded the species for the island in which column it appears, and the bibliography may be consulted for reference to further details in connection with the records:—

Bl. Bleeker	F. Forster	O. Ogilby
Bg: Boulenger	G. Günther	R. Richardson
CV. Cuvier and Valenciennes	M. McCulloch	W. Waite

(1) Waite: Trans. N. Zeal. Inst., xlii., 1910, p. 370.